APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Surmounting of the Earth's Curvature by Ultra-Short Waves Through Atmospheric Refraction, by G. Eckart, H. Plendl, 56 pp.

GERMAN, per, Hochfrequenztech u Elektroakus, Vol LII, No 2, pp 44-58, 1938.

SLA Tr 57-911

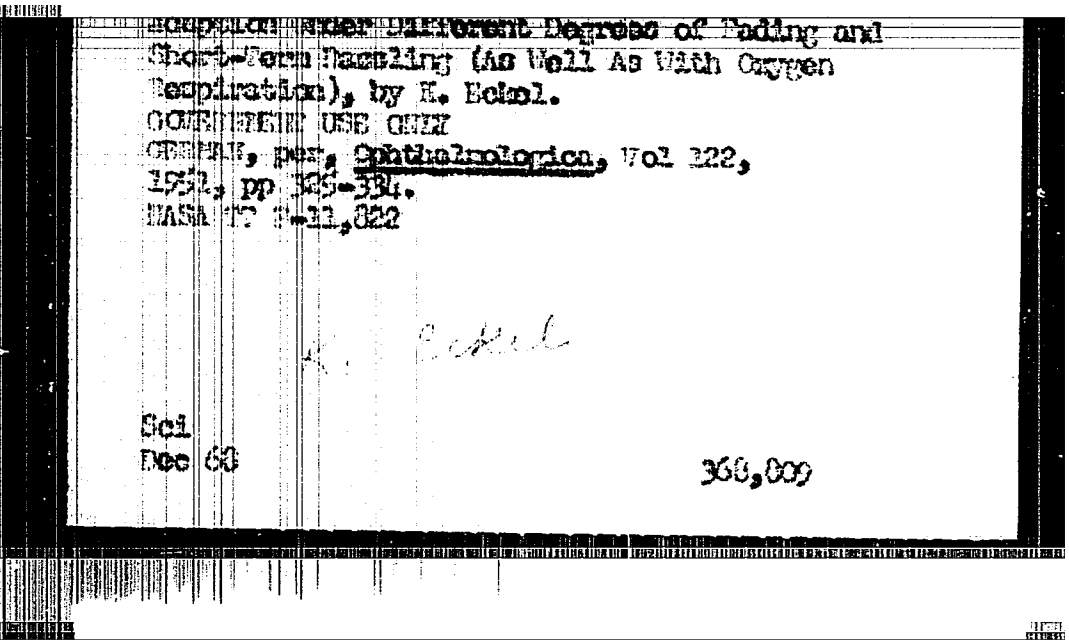
Sci - Physics

52,327

Aug 57

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3



Adaptation after Different Degrees of Fading and
Short-Term Darkling (As Well As With Oxygen
Respiration), by E. Bolmol.
CONFIDENTIAL USE ONLY
GERMAN, pers, Ophthalmologica, Vol 122,
1951, pp 329-334.
WASH HP 1-31,022

E. Bolmol

Bol
Dec 60

360,009

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Von. O. Eckel

Checking and Analyzing Soil Temperature Measurements Part I; Testing Results With The Aid of Tauochrome Plots.
GERMAN, per, Wetter und Leben, Vol 12, No 3 & 4, 1960, pp 63-69.
NASA TT F 14,479

Oct 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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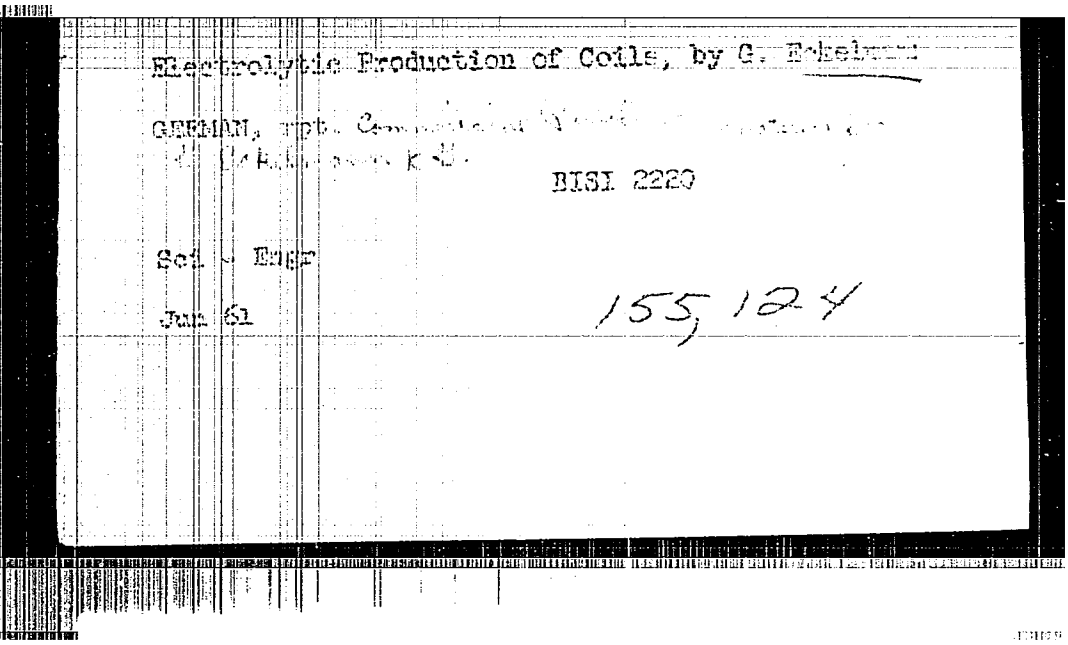

Electrolytic Production of Coils, by G. Eckelmann

GERMAN, [illegible]

BISI 2220

Sol - Engr

Jun 61

155,124

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

60-23916

Eckelt, Carl.
APPARATUS ON PLOWS OR THE LIKE FOR DISTRIBUTING FLUIDS FOR THE PURPOSE OF KILLING PESTS, tr. by C. P. 29 Sep 60, 2p. (1 fig. omitted).
Order from OTS or SLA $1.10 60-23916

Trans. of Austrian patent 13,091, cl. 45 e, appl. 16 Dec 01, beginning of pat. life 15 Mar 03, pub. 25 Aug 03.

DESCRIPTORS: *Pest control, Insecticides, Scattering.

I. Eckelt, C.
II. Patent (Austria) 13 091
III. Patent Office, Washington, D. C.

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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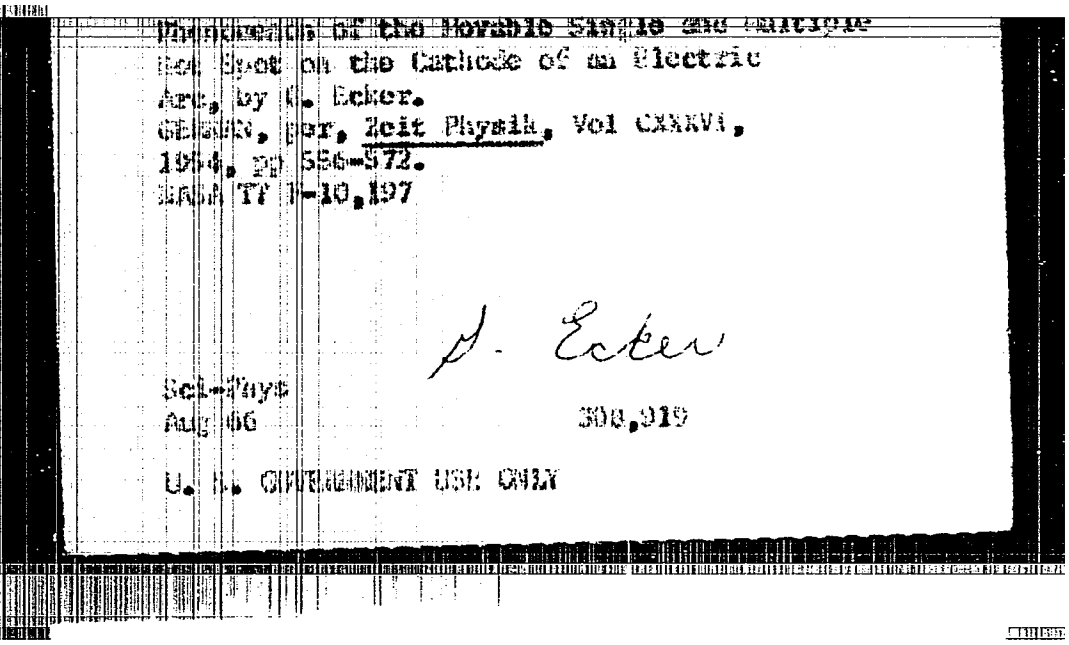

Fluctuations of the Noise Stage and Critical
Rad. Effect on the Cathode of an Electric
Art, by G. Ecker.
GERMAN, per, Zeit Physik, Vol CXXXVI,
1954, pp 556-572.
EASI TT 1-10,197

G. Ecker

Sci-Phys
Aug 66 308,919

U. S. GOVERNMENT USE ONLY

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

The Space-Charge Zone at the Arc Plasma Boundary,
by G. Ecker, 17 pp.
GERMAN, per, Z fuer Physik, Vol CXXXV, 1953,
pp 105-118. 9228782
AEC-AI-Tr-71

Sci-Phys
May 65

280,222

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Stabilization of the Electric Arc at the Anode and the Cathode, by G. Ecker, 20 pp.

GERMAN, per, Z fuer Physik, Vol CXXXVI, 1953, pp 1-16.

FDD/X-3759

Sci - Elec
Oct 59

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

The Appearance of Movable Single and Multiple Hot Spots in an Electric Arc Cathode, by G. Ecker. GERMAN, per Z. Physik, Vol CXXXVI, 1954, pp 556-572. *NASA TT F-10,197

G. Ecker

U. S. GOVERNMENT USE ONLY
Sci-Phys
Aug 66

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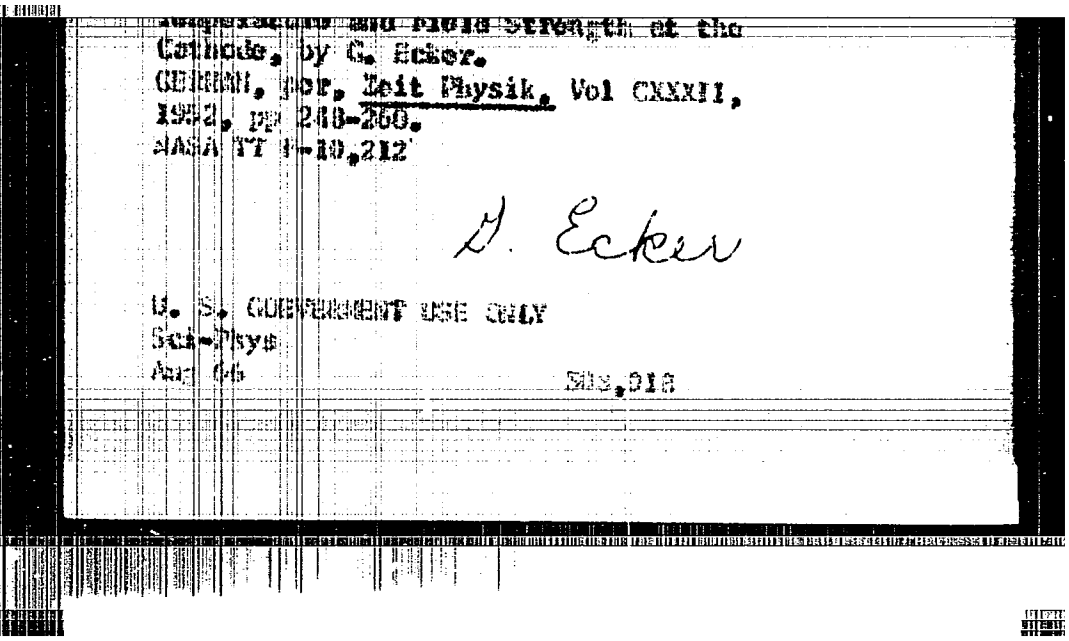


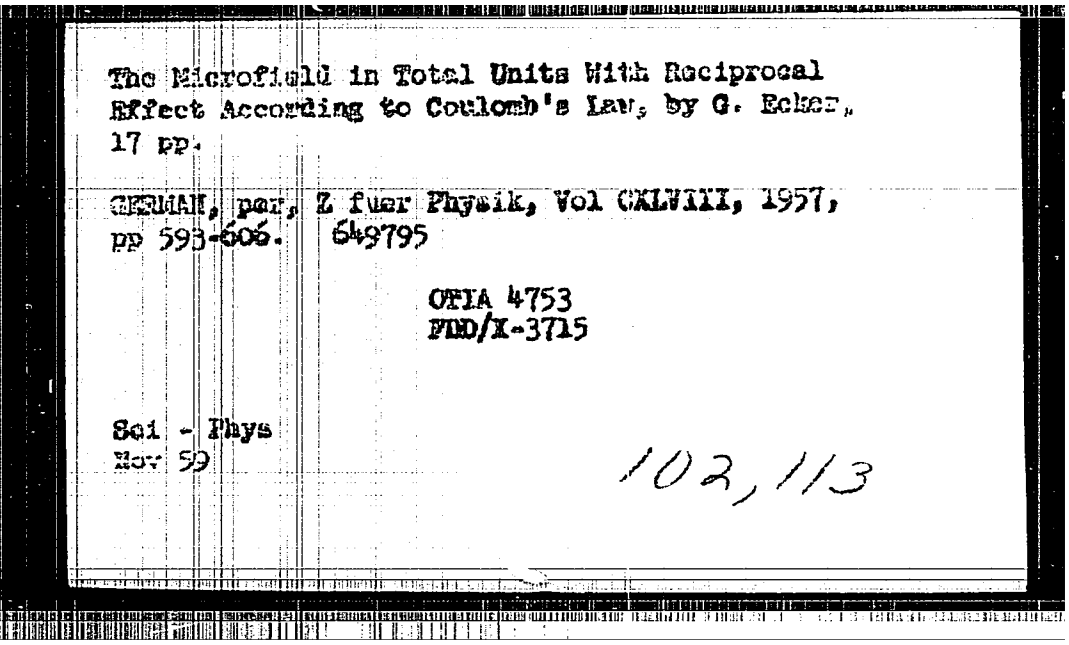
...sheath and field strength at the Cathode, by G. Ecker.
GERMAN, per, Zeit Physik, Vol CXXXII, 1952, pp 248-260.
NASA TT F-10,212

G. Ecker

U. S. GOVERNMENT USE ONLY
Sci-Phys
Aug 66 Mic,018

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3



The Microfield in Total Units With Reciprocal Effect According to Coulomb's Law, by G. Ecker, 17 pp.

GERMAN, per, Z fuer Physik, Vol CXLVIII, 1957, pp 593-606. 649795

OTIA 4753
FTD/X-3715

Sci - Phys
Nov 59

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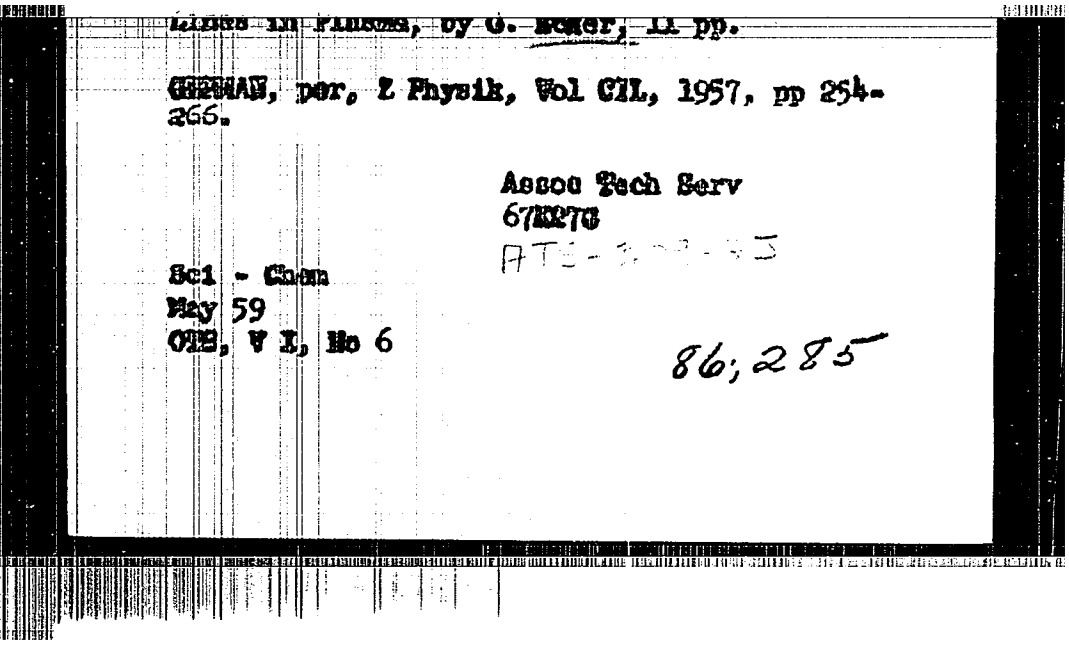

Lights in Fluids, by G. Becker, 11 pp.

GERMAN, per. Z Physik, Vol CXL, 1957, pp 254-266.

Assoc Tech Serv
67XXXX
ATS-[illegible]

Sci - Chem
May 59
CFS, V I, No 6

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Partition Function and Effective Ionization Potential of an Atom in the Interior of a Plasma, by G. Ecker, W. Weizel, 19 pp.

GERMAN, 8-times-year, Ann Physik, Vol XVII, 1956, pp 126-140.

AEC Tr 2841

Sci - Physics
Apr 57 CTS/dex

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SLA-57-986

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Ecker, J.
CONTRIBUTION TO THE PROBLEM OF THE MECHANICAL WEAR OF FABRICS, III. [1963] 5p (figs omitted)
Order from SLA $1.10 TT-63-20509

Trans. of Melliand Textilberichte (Germany) 1941, v. 22, p. 194-198.

DESCRIPTORS: *Textiles, Friction, Fibers, Wool textiles, Cotton textiles, Clothing, *Wear resistance.

(Materials--Textiles, TT, v. 11, no. 5)

TT-63-20509

I. Ecker, J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

GEOLOGY, BOTANY, GEOGRAPHY, ZOOLOGY, ICHTHYOLOGY, AND ORNITHOLOGY: GLOSSARY OF RUSSIAN TERMS. [1961] [339]p.
Order from LC or SLA mi$11.10, ph$51.60 61-19684

(Research Methods, Techniques and Equipment, TT, v. 5, no. 11)

1. Biology--Dictionaries
2. Geology--Dictionaries
3. Title: Russian-English glossary
I. Ecker, L.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Ecker, R.; Bannasch, H.; Heidemann, W.
COMPARATIVE MEASUREMENTS WITH PLASTOMETERS.
Paper presented at the Meetings of the Deutsche Kautschuk-Gesellschaft, Goslar, 7-9 May 53. 44p. 6refs.
Order from SLA: $4.60 as TT-65-11948

Trans. of Kautschuk und Gummi (West Germany) v7 n8 p170WT-8WT 1954.

I. Ecker, R.
II. Bannasch, H.
III. Heidemann, W.
IV. Title: Meetings...

MR 622

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Temperature Dependence of Static and Dynamic Deformation Characteristics of Caoutchouc (India-Rubber)-Vulcanizates and Other High Polymers, by R. Ecker.

GERMAN, per, Kautschuk u Gummi, Vol IX, WT2, WT2-9, pt 31-38.

NSDOC-T1655

Sci

Aug 58

71,634

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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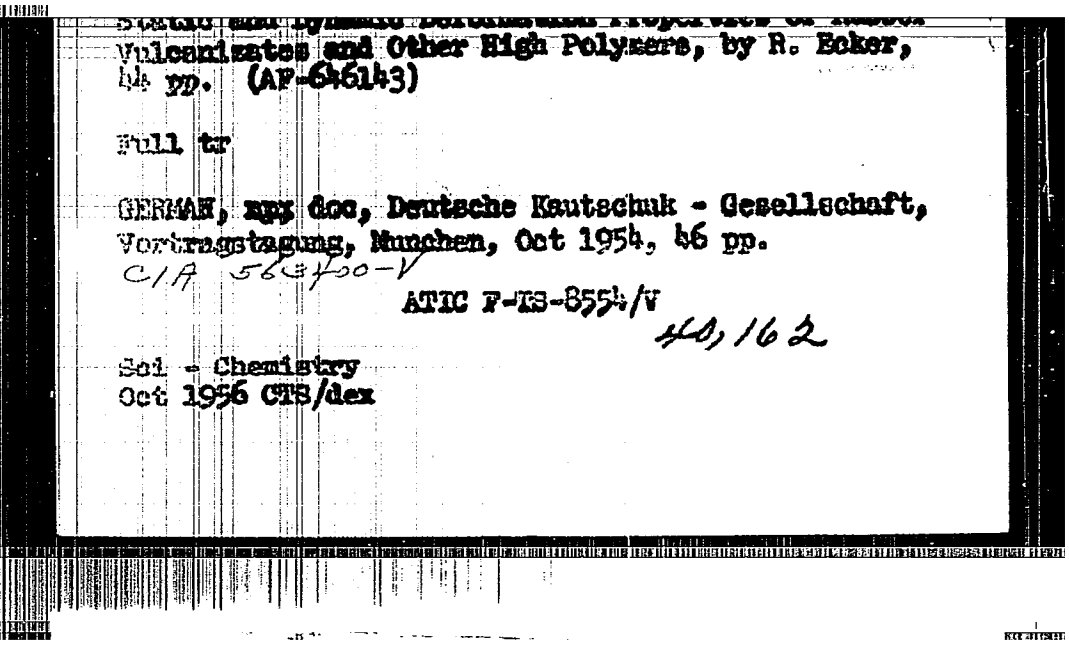

Vulcanizates and Other High Polymers, by R. Ecker, 44 pp. (AF-646143)

Full tr

GERMAN, xpy doc, Deutsche Kautschuk - Gesellschaft, Vortragstagung, Munchen, Oct 1954, 46 pp.

CIA 563400-V

ATIC F-TS-8554/V

40,162

Sol - Chemistry
Oct 1956 CTS/dex

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Secondary Softening Ranges in Copolymers, Mixtures of Polymers, and Graft Polymers, by R. Ecker.

GERMAN, per, Kautschuk u Gummi, Vol IX, 1956, pp 53-90.

ASLIB-GB57

Sci
Aug 58

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Gear Pump, by Otto Eckerle, Hans Molly, 10 pp.

GERMAN, Patent No 1,006,722.

US Dept of Commerce
Patent Office
Sci Lib
1 64, 8 41

Sci
Aug 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Chlorination of Hydroquinone, by A. Eckert, 5 pp.
UNCLASSIFIED

GERMAN, per, Journal fuer Praktische Chemie,
Vol CIV, 1922, pp 81-84.

OTP Tr 461

Scientific - Chemistry
CTS/DEX

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Eckert, B.
COOLING BLOWERS FOR INTERNAL COMBUSTION ENGINES (Kuhlgeblase fur Verbrennungsmotoren). [1963] [15p] 14refs
Order from SLA $1.60 TT-63-20788

Trans. of MTZ [Motortechnische Zeitschrift] (Germany) 1940, Oct, p. 316-327.

DESCRIPTORS: *Blowers, *Cooling, *Internal combustion engines, Design, Cooling fans, Air-cooled, Water.

(Machinery--Engines, TT, v. 11, no. 4)

TT-63-20788

1. Eckert, B.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Eckert, B.
GAS TURBINE POWER PLANTS FOR AUTOMOBILES: PRESENT STAGE OF DEVELOPMENT AND FUTURE PROSPECTS. [1962] [16]p.
Available on loan from SLA 62-18789

Trans. of ATZ [Automobiltechnische Zeitschrift] (Germany) 1955, v. 57, no. 3, p. 78-83.

DESCRIPTORS: *Passenger vehicles, Vehicles, *Gas turbines, Power plants, Design, Torque.

In recent years, the development of gas turbine power plants for automobiles in a number of countries has become headline news in the automotive world. The author reports here on present developments in the USA, in England, and in France. Prospects for automotive gas turbines are analyzed against the background of present power plants for passenger and commercial vehicles. Present experience indicates that gas turbines are competitive only in the horsepower class of the largest commercial-vehicle engines.

62-18789

I. Eckert, B.

635.?

(Machinery--Engines, TT, v. 8, no. 12)
Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Final Remarks of the Chairman of the Board of the Research Institute for Physics of Jet Propulsion, by B. Eckert, 2 pp, (AF 1057996).

Full tr

GERMAN, per, Mitteilungen Aus Dem Forschungsinstitut fuer Physik der Strahlantriebe E. V., Sep 1956, pp 341-342.

ATIC F-TS-9125/V

53,557

SSi - Physics, Aero
Oct 57

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Recent Results on High-Pressure Axial Blowers, by B. Eckert

GERMAN, per, Zeitschrift des Vereines Deutscher Ingenieure, Vol LXXXVIII, No 37/38, 16 Sep 1944.

S.L.A. Tr Pool

14,302

Scientific - Engineering
CTS/DSX

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Possibilities of Reducing the Length of Axial Superchargers for Aircraft Motors, by B. Eckert

GERMAN, per, Tech Benchgte, ZWB, TB4, 1940, pp 130-133.

S.L.A. Tr Pool

Scientific - Engineering
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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Commercial Type of Wire Grids, by D. Eckert, F. Pfluger

GERMAN, per, Luftfahrtforschung, Vol XVIII, No 4, 22 Apr 1941, pp 142-146.

AEC Tr 105
Also Avail @ TPB/PIB T.1226

Scientific - Physics

5052

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Measurements on Compressor-Blade Lattices, by F. Weinig, B. Eckert

GERMAN, per, Berichte der Gittertagung in Ex Braunschweig Institut for Motorenforschung der Luftfahrtforschungsanstalt Hermann Goring, 27 Mar 1944. 28

S.L.A. Tr Pool

Scientific - Aeronautics
CTS/DEX

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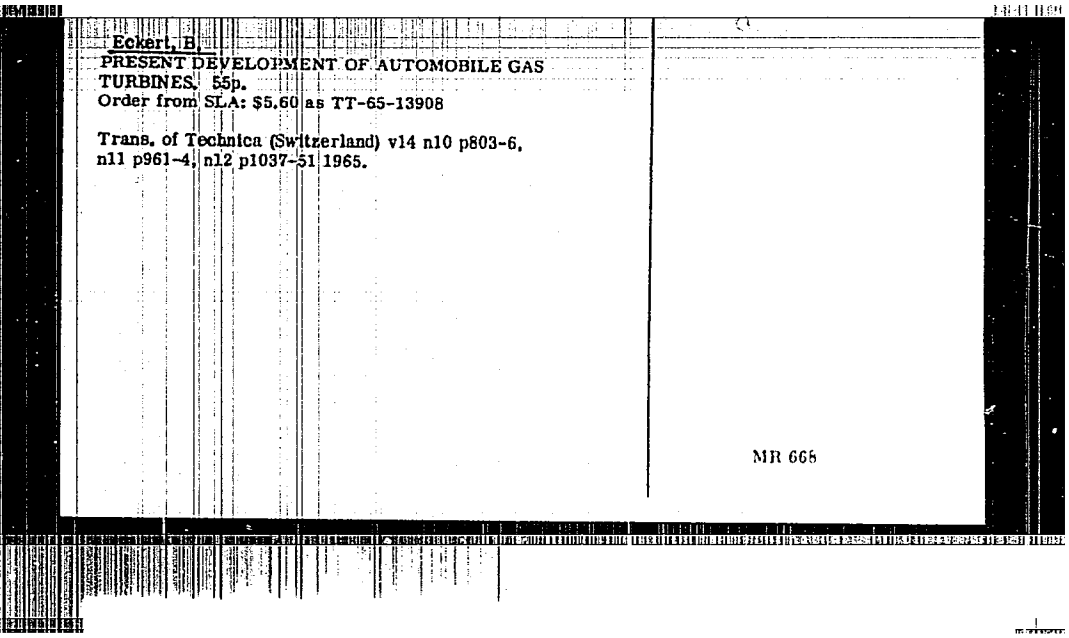

Eckert, B.
PRESENT DEVELOPMENT OF AUTOMOBILE GAS TURBINES. 55p.
Order from SLA: $5.60 as TT-65-13908

Trans. of Technica (Switzerland) v14 n10 p803-6, n11 p961-4, n12 p1037-51 1965.

MR 665

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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Eckert, Bruno.
TRENDS AND PROSPECTS OF GAS TURBINE DEVELOPMENT PARTICULARLY FOR NON-STATIONARY INSTALLATIONS. [1962] [63]p. 8 refs.
Available on loan from SLA 62-18798

Trans. of MTZ; Motortechnische Zeitschrift (West Germany) 1955, v. 16, no. 2, p. 32-42 and no. 3, p. 68-73.

DESCRIPTORS: *Gas turbines, Economics, Combustion chambers, Thermal stresses, Aircraft, Marine engines, Locomotives, Power plants, Propulsion, Effectiveness.

(Machinery--Engines, TT, v. 8, no. 12)

62-18798

I. Eckert, B.

36354

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Eckert, E. and Korbacher, G.
MEASUREMENT OF THE FLOW IN A SINGLE-STAGE MODEL-TURBINE DRIVEN BY COMPRESSED AIR. [1963] [56p] (foreign text included) 6refs
Available on loan from SLA TT-63-20817

Trans. of mono. Ausmessung der Strömung in einer Einstufigen Druckluft-Modellturbine, n. p., n. d.

DESCRIPTORS: *Turbines, Models (Simulation), Compressed air, Aerodynamic configurations, Aerodynamics, Measurement, *Fluid flow.

(Machinery--Engines, TT, v. 11, no. 1)

TT-63-20817

I. Eckert, E.
II. Korbacher, G.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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On Directional Distribution of Heat Radiation from Surfaces, by E. Schmidt, E. Eckert, 24 pp. UNCLASSIFIED

GERMAN, per, Forschung, Vol. VI, No. 4, July-August, 1935, pp 175-183.

ATIC F-TS-9527/III

Sci - Phys

Jun 59

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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Heat transfer by liquids near the critical state, by E. Schmidt, E. Eckert, and U. Grigull, 15 pp.

GERMAN, manuscript, 1946.

SLA 58-530

Sci

Aug 59

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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The Measurement of Air Temperatures in High-Speed Flight, by E. Eckert, W. Weise, 7 pp.

GERMAN, Report from the Institute for Motor Research of the Herman Göring Aeronautical Res Inst Brunswick.

SLA 58-434

Sci

Aug 59

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Experimental Study of Flow Past Turbine Blades, by E. Eckert, K. V. Vietinghoff-Scheel

GERMAN, yrbk, Vorabdrucke aus Jahrbuch 1942 der Deutschen Luftfahrtforschung, 6, Lieferung.

S.L.A. Tr Pool

Scientific - Aeronautics
CTS/DEX

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Calculations for Mass Transfer at a Plane Surface Along Which Flow Occurs, at High Partial Pressure Gradients, by E. Eckert, V. Lieblein, 19 pp.

GERMAN, per, Forschung auf dem Gebiete des Ingenieurwesens, Vol XVI, No 2, 1949, pp 33-42.

AVIA 57-1319
RAE Farnborough Tr 540

Sci - Engineering, boundary layer, laminar, Mechanics, fluid, gradients

33,823

May 1956

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

The Flow Through Axial ~~EC~~ Turbine Stages With Long Blades, by E. Eckert, J. Norbacher

GERMAN, per, ZWB FB, No 1750.

Nat'l Res Council Canada TT 22

Scientific - Aeronautics
Jul CTS/DMX Price 0.25

15,612

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Calculation of Heat Transfer in the Boundary Layer of Bodies in Flow, by E. Eckert

GERMAN, V. D. I. Forschungsh., (416), 27 pp., 1942

Air Material Command, Dayton, Ohio, Tr No
ATI 43691 OT/169

Scientific - Physics

A 2037

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

EITZ

High Frequency Spark Photography.

GERMAN, per, Z. ges. Schiess-u-Sprengstoffw. Vol XXXVII, No 8, 1942, pp 148 - 150.

AEC Tr 525

SLA Tr. No. 576

A 2036

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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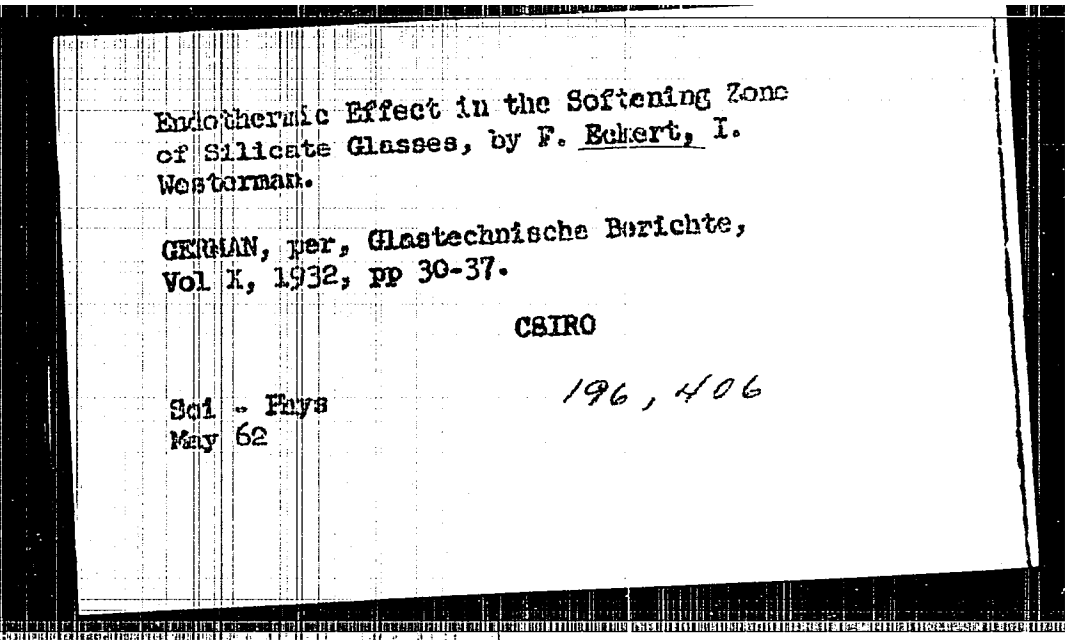

Endothermic Effect in the Softening Zone of Silicate Glasses, by F. Eckert, I. Westermann.

GERMAN, per, Glastechnische Berichte, Vol X, 1932, pp 30-37.

CSIRO

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Sci - Phys
May 62

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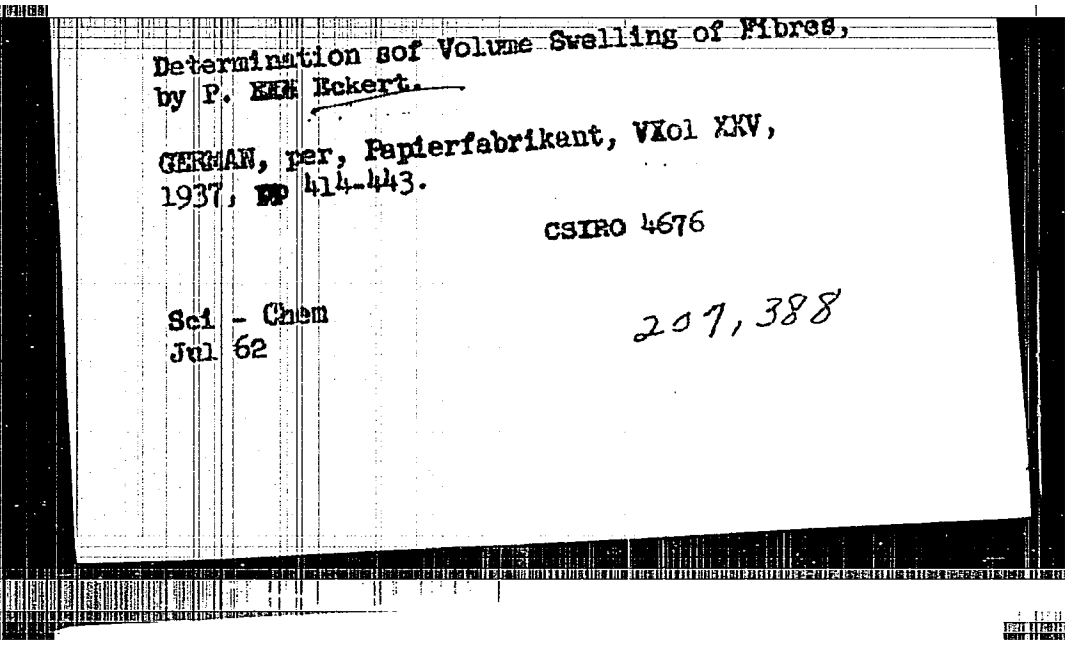

Determination of Volume Swelling of Fibres,
by P. [redacted] Eckert.

GERMAN, per, Papierfabrikant, Vol XXV,
1937, pp 414-443.

CSIRO 4676

Sci - Chem
Jul 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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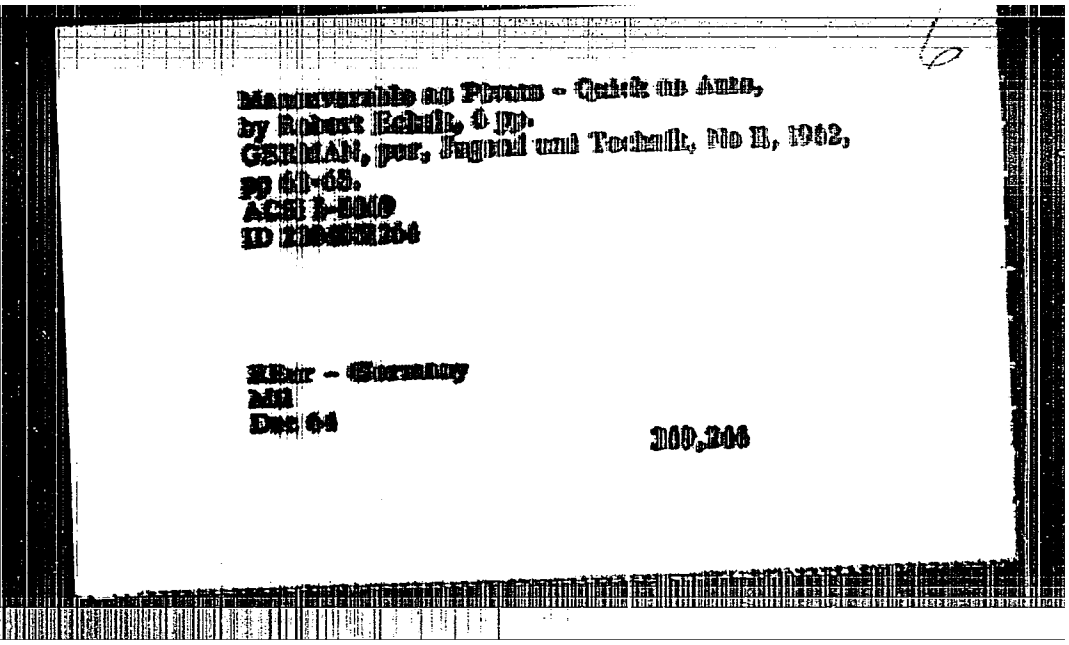

Manövrierbile an Pferd - Geländ an Anm,
by Robert Edull, 6 pp.
GERMAN, per, Jugend und Technik, No 8, 1962,
pp 41-43.
ACSI L-2019
ID [illegible]

[illegible] - Germany
Mil
Dec 64

200,246

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(DC-4231)

The First Czechoslovak Electronics Conference, by L. Eckertova, 5 pp. FOR OFFICIAL USE ONLY

CZECH, per, Slaboproudy Obzor, Vol XXI, No 6, Prague, 10 Jun 1960, pp 382, 383.

JPRS 3923

Sci - Electron

COPYRIGHT

Sep 60

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Dynamic Electron Multiplier, by
Ladislav Krynka, Ludmila Eckertova, 9 pp.

CZECH, per, Ceskoslovensky Casopis Fysiku,
No 5, 1960, pp 420-424. 967171

FTD MCL-1067/1

Sci - Electron 171,546

20 Oct 61

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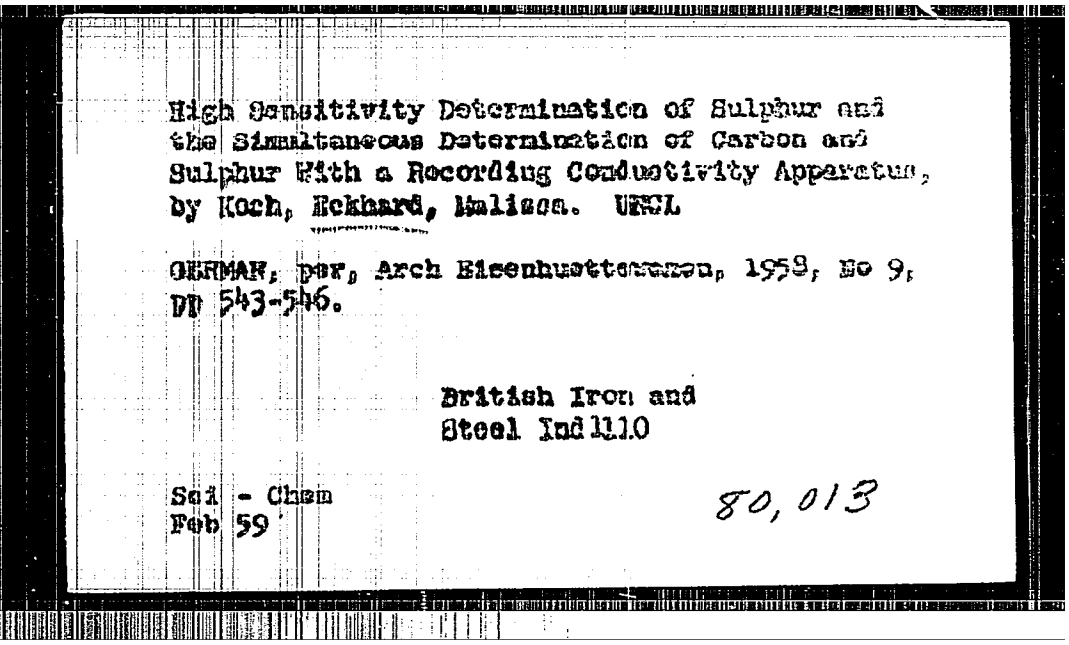

High Sensitivity Determination of Sulphur and the Simultaneous Determination of Carbon and Sulphur With a Recording Conductivity Apparatus, by Koch, Eckhard, Malisca. UNCL

GERMAN, per, Arch Eisenhuettenwesen, 1959, No 9, pp 543-546.

British Iron and Steel Inst 1110

Sci - Chem
Feb 59

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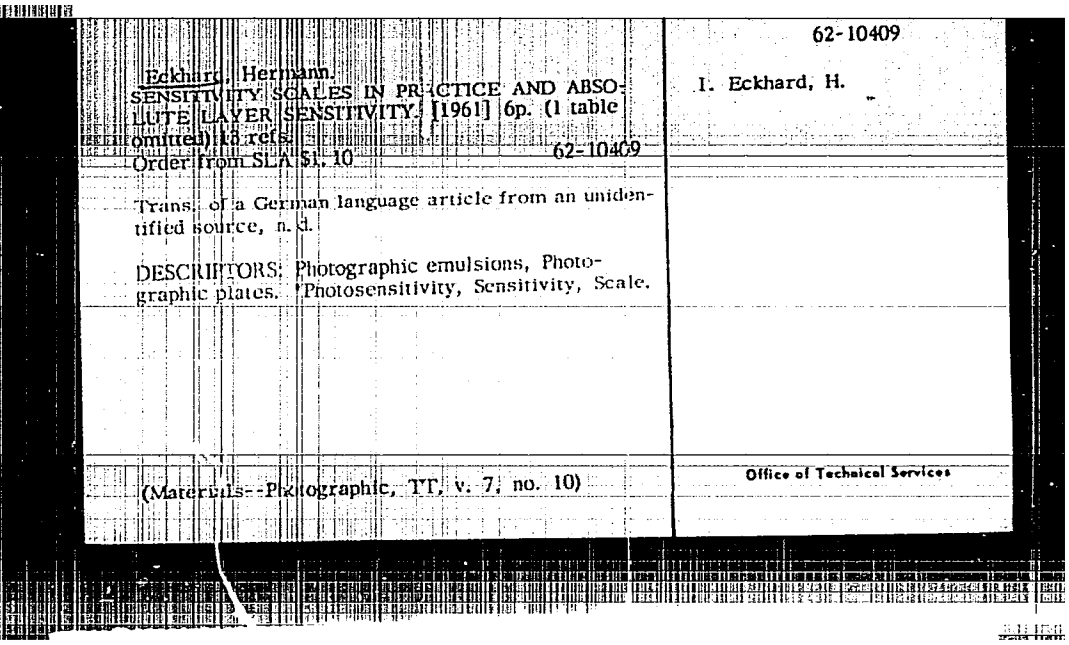

Eckhard, Hermann.
SENSITIVITY SCALES IN PRACTICE AND ABSOLUTE LAYER SENSITIVITY. [1961] 6p. (1 table omitted) 13 refs.
Order from SLA $1.10 62-10409

Trans. of a German language article from an unidentified source, n. d.

DESCRIPTORS: Photographic emulsions, Photographic plates, Photosensitivity, Sensitivity, Scale.

(Materials--Photographic, TT, v. 7, no. 10)

62-10409

1. Eckhard, H.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

EXPERIENCES WITH VACUUM SPECTROMETERS IN THE STEELWORKS LABORATORY, PART I, II, BY S. ECKHARD, G. GRAUE, R. MAROTZ.

GERMAN, PER, ARCHIV FUER EISENHUTTENWESEN, VOL XXXIII, NO 3, 1962, PP 145-150, 151-156.

BISI 2935

SCI - PHYS

OCT 62

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

61-16311

Eckhard, S. and Koch, W.
SPECTROGRAPHIC DETERMINATION OF TRACE ELEMENTS IN STEEL WITH MOVING ELECTRODES
Rept. no. 245 of the Chemists' Committee of V[erein] D[eutscher] E[isenhüttenleute]. [1961] [17]p. 29 refs
Order from SLA $1.60 61-16311

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1957; v. 28, no. 11, p. 731-738 [Max Planck Institut für Eisenforschung (West Germany). Communication 743].

DESCRIPTORS: *Steel, Spectrographic analysis, *Electrodes, Impurities.

By employing a 1.5 m-grating spectrograph and a high tension A.C. arc with 4400 V it was possible to lower the detection limit for aluminum and manganese in pure iron from 0.0004 to 0.0001% Al and from 0.009 to 0.003% Mn by movement of the electrodes. (Author)

(Metallurgy--Ferrous Metals, TT, v. 6, no. 3)

I. Eckhard, S
II. Koch, W
III. Max Planck Institut für Eisenforschung (West Germany)
IV. Title: Verein

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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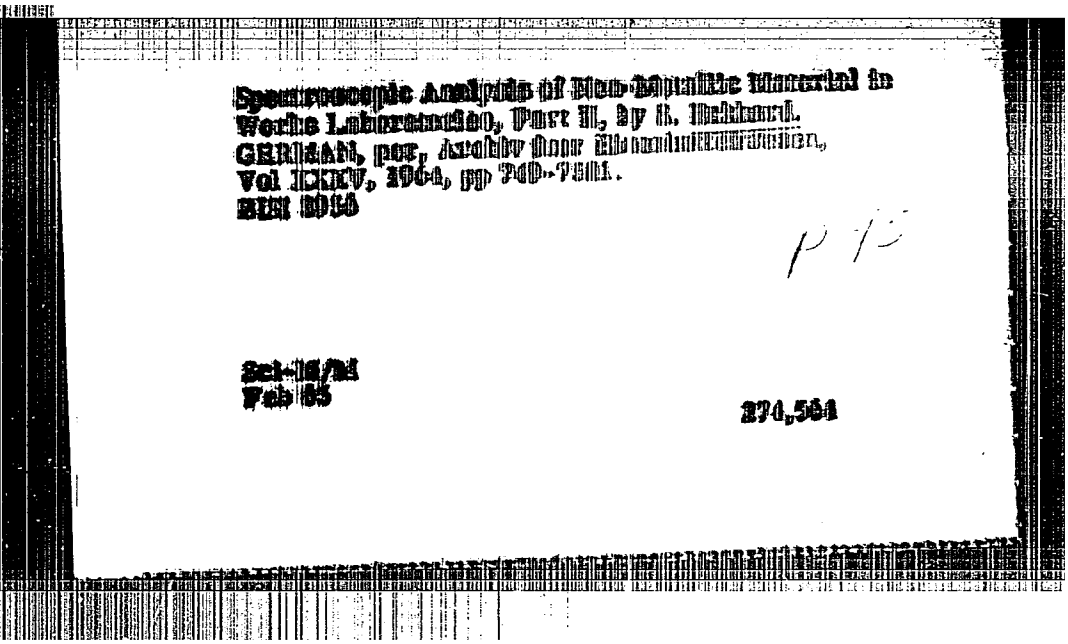

Spectroscopic Analysis of Non-Metallic Material in Werks Laboratories, Part II, by H. Mehlhorn.
GERMAN, per, Jenaer Rund Schau,
Vol IXXV, 1964, pp 240-244.
EEI 8050

P 12

Sci-15/21
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Organic Solvents in Flame Spectroscopy, by
A. Puschel, S. Eckhard. UNCL

CHEMIE, ber. Arch fuer das Eisenhuettenwesen,
No 12, 1959, pp 731-735.

BISI 1636

(L3 10n. 0d.)

Sol - Chem; Phys

Mar 60

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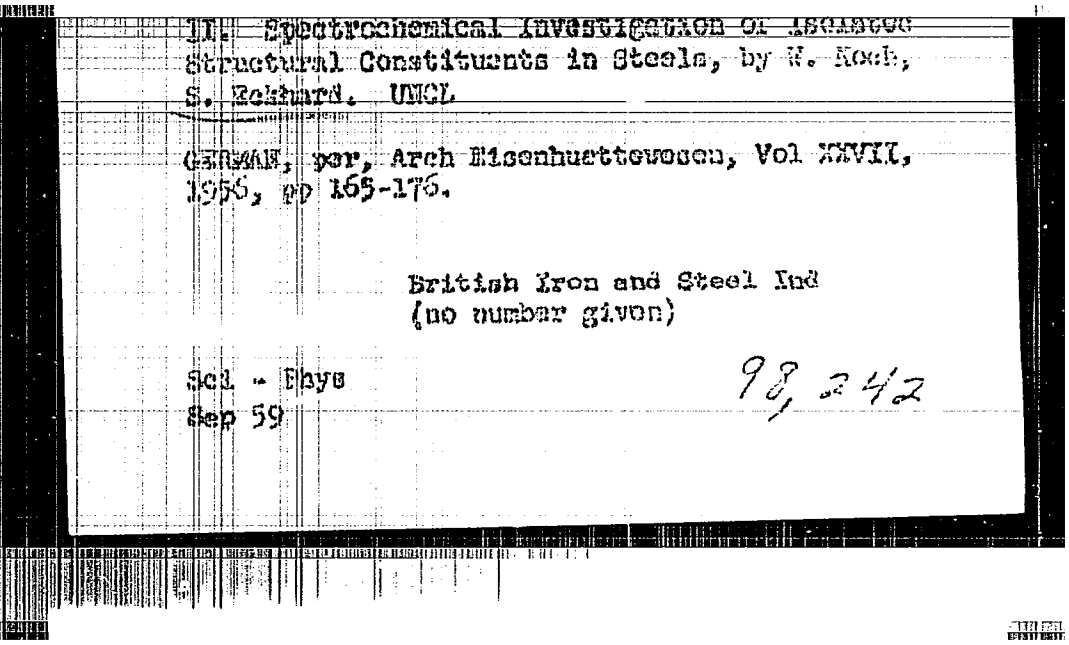

II. Spectrochemical Investigation of Isolated Structural Constituents in Steels, by W. Koch, S. Rehbard, UNCL

(GERMAN, per, Arch Eisenhuettenwesen, Vol XXVII, 1956, pp 165-176.

British Iron and Steel Ind
(no number given)

Sci - Phys
Sep 59

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

The Spectro-Chemical Determination of Phosphorus in Steel With the Phosphorus Line 3175 Å, by S. Eckhard, UKCL

GERMAN, per, Arch Eisenhuettenwesen, Feb 1958, pp 89-94.

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Sci - Chem; Phys May 59

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D. Eckhardt

CW - Radar Method With Reflected Electromagnetic Waves, by D. Eckhardt.

GERMAN, per. Radio und Fernsehen, No 11, 1964, pp 339-343.

NTC-71-10289-171

FTD-TT-65-844 16 pp 9699652

FSTC 381-765-817 } 9698934 or 9698984

ACSI I-8469

ID 2204468

Nov 71

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

61-20077

Eckhardt, F. and Heinze, H. -O.
COMPARISON OF CONVENTIONAL ANALYTICAL METHODS FOR VALUABLE COAL CONSTITUENTS BY MEANS OF GAS CHROMATOGRAPHIC AND SPECTROSCOPIC ANALYSIS (Vergleich Konventioneller Untersuchungsverfahren für Kohlenwertstoffe mit der Gaschromatographischen und Spektroskopischen Analyse). [1961] [23]p. (foreign text included). Order from SLA $2.60 61-20077

Trans. of Brennstoff-Chemie (West Germany) 1961, v. 42 [no. 4] p. (50-54) 136-140.

DESCRIPTORS: Coal tar, Pyridines, Phenols, Naphthalenes, †Gas chromatography, *Spectrographic analysis, Chromatographic analysis

The conventional analytical methods for valuable coal constituents are compared with gas-chromatographic (Chemistry--Analytical, TT, v. 7, no. 4) (over)

I. Eckhardt, F.
II. Heinze, H. -O.

PB 181082

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

Internal Resistance of the Steam Engine,
by F. W. Eckhardt.

GERMAN, per, Deut Eisenbahn Technik, Vol III, 1955, pp 237-240.

INSDOC-T2024

Sci

Aug 58

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Chances of Improving Saturated-Steam Cycles of Nuclear Power Plants with Low Cooling Temperatures, by F. W. Eckhardt, H. Uschwa. GERMAN, per, Kerntechnik, Vol IV, No 4, Apr 1962, pp 137-140.

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HOECHST CHLOROPARAFFINS FOR COATINGS.
15 Feb 61.
Order from TTIS $9.00 TTIS-2166

Trans. of Fette Seifen Anstrichmittel (West Germany)
1959, v. 61, Nov, p. 1127-1129.

(Materials--Finishes, TT, v. 5, no. 8)

1. Coatings--Materials
2. Methanes--Applications
3. Title: Hoechst paraffins
I. Eckhardt, H.
II. TTIS-2166
III. Translation and Technical Information Services (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100500018-3

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Spectral Investigations in the Wavelength Region Around 1 mm. VI. Design of a Pulsed Mass Radiator and Its Characteristics as a Spectroscopic Radiation Source, by Wilfried Eckhardt, 25 pp.

GERMAN, per, Zeitschrift fuer Physik, Vol CLX, 1960, pp 121-143.

CIA/FDD XX-1317
NO FOREIGN DISSEM

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Jan 62 63

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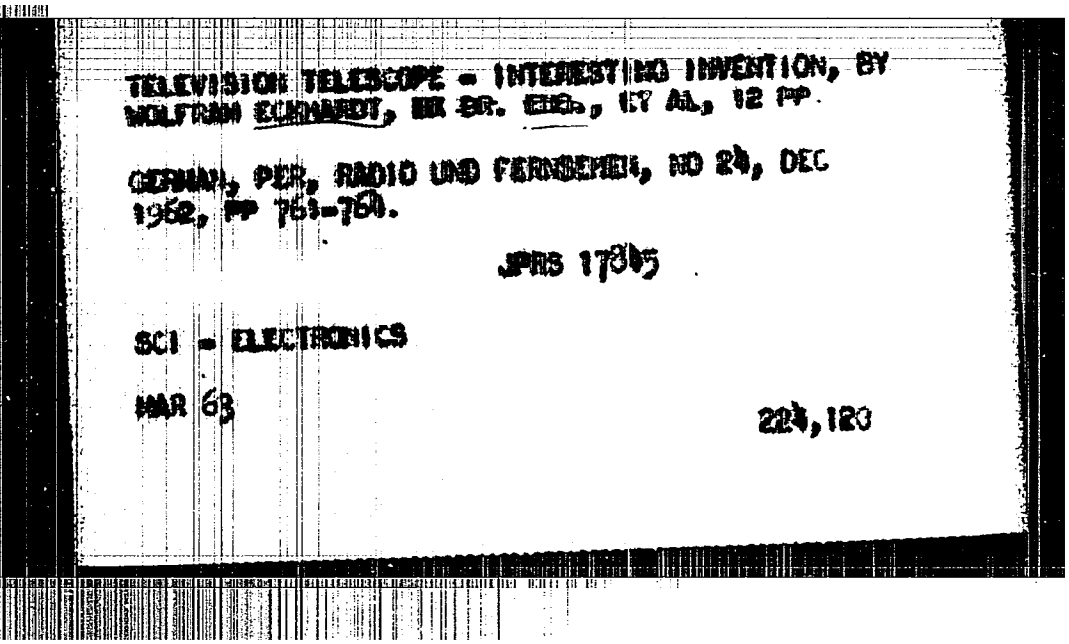

TELEVISION TELESCOPE - INTERESTING INVENTION, BY WOLFRAM EICHHARDT, HR DR. ENGR., 17 AL, 12 PP.

GERMAN, PER, RADIO UND FERNSEHEN, NO 24, DEC 1962, PP 763-768.

JPRS 17305

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Instructions on Blowing and Hollow Bodies, by H. A. Eckhardte.

GERMAN, per, Kunststoff-Rundschau, Vol II, No 9, Sep 1955, pp 317-321.

ASLIB-C839

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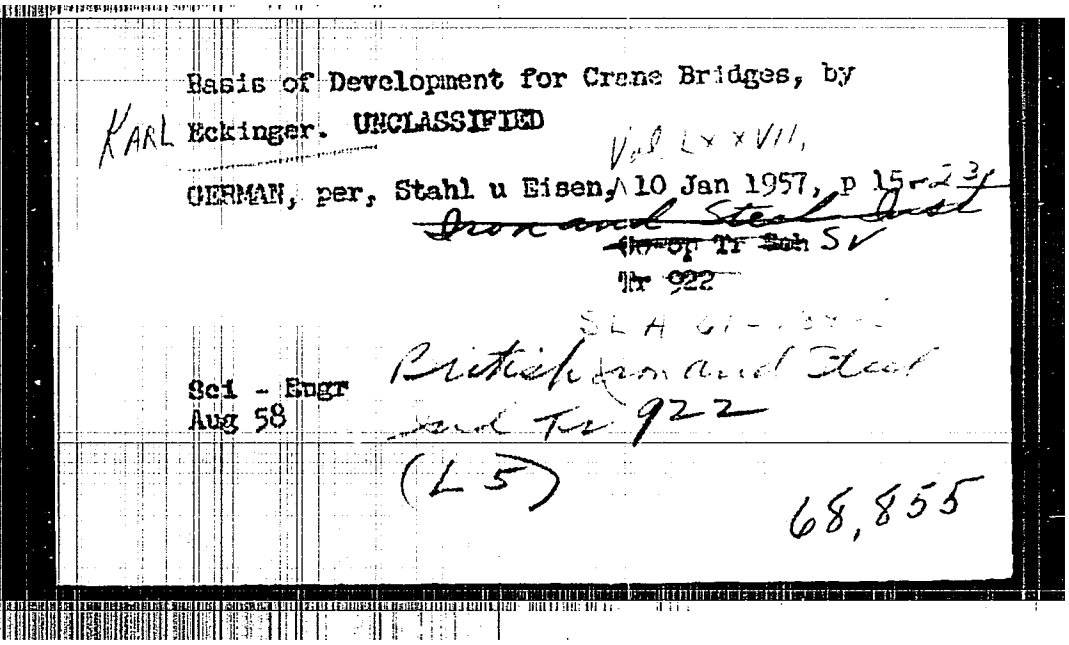

Basis of Development for Crane Bridges, by
KARL Eckinger. UNCLASSIFIED
GERMAN, per, Stahl u Eisen, 10 Jan 1957, p 15-23
~~Iron and Steel Inst~~
~~Tr of Tr Sch~~ S
Tr 922

Sci - Engr
Aug 58

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(L 5)

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Local Leukocyte Reaction With Intraperitioneal Infection of Mice With E. Coli, by B. Ecklin, R. Meier, 5 pp.

GERMAN, per, Experientia, Vol XVI, No 3, 1960, pp 112-113.

SIA 60-16639

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Provocation of a Local Leukocyte Reaction by Bacteria and Bacterial Products and the Influence on It of Lipopolysaccharides, by B. Ecklin, 18 pp.

GERMAN, per, Arch Int. Pharmacodyn, Vol CXXVII, 1960, pp 180-202.

NIH 5-38-61
OTS 61-16137

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The Effect of Hydrocortisone on Local Leukocyte Accumulation Due to Infection, by R. Maier, B. Eckin, 7 pp.

GERMAN, per, Experientia, Vol. XVI, Mar 1960, pp 204, 205.

NIH Tr 9-37-60

Sci - Med

Nov 60

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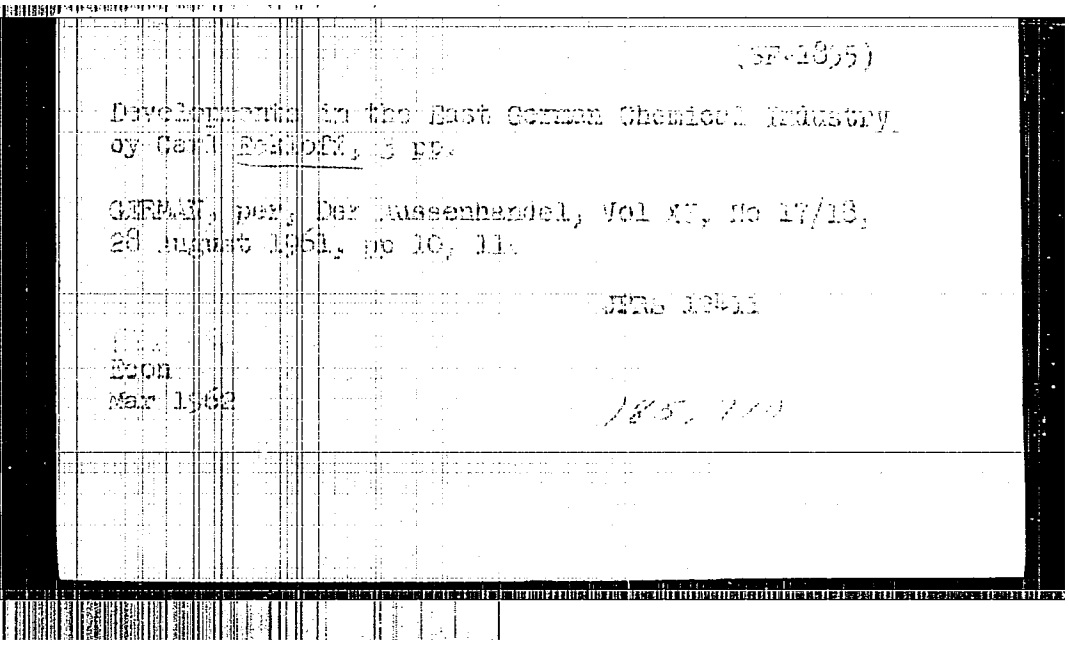

(SF-10,5)

Developments in the East German Chemical Industry
by Carl Bohm, 3 pp.

GERMAN, per, Der Aussenhandel, Vol XI, No 17/18,
28 August 1961, pp 10, 11.

DIA 13611

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Mar 1962

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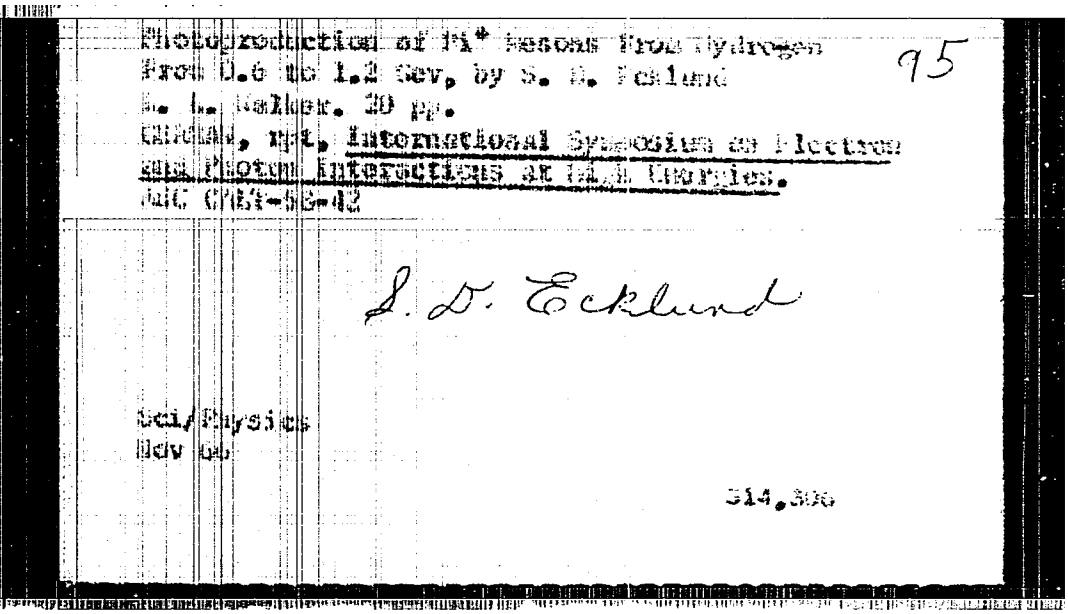

Photoproduction of π^+ mesons from hydrogen
From 0.6 to 1.2 Bev, by S. D. Ecklund
R. L. Walker. 20 pp.
Orig. pub. International Symposium on Electron and Photon Interactions at High Energies.
AEC CRL-52-42

95

S. D. Ecklund

Bell Physics
Div 06

314.300

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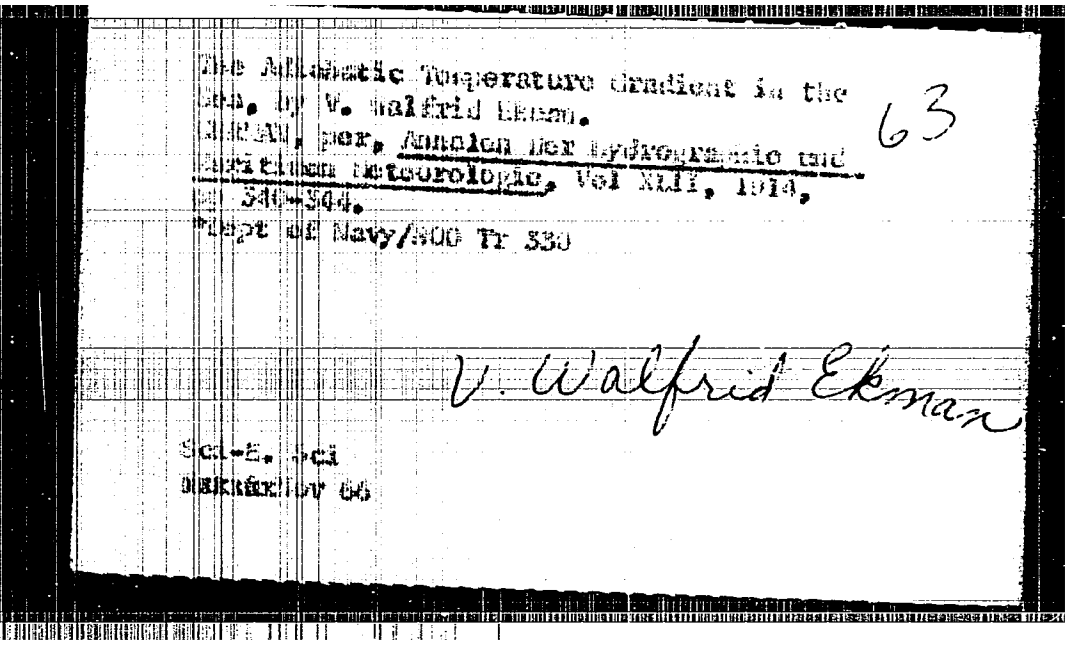

Die Adiabatic Temperature Gradient in the
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[illegible] per, Annalen der hydrographie und
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pp 343-344.
Dept of Navy/ONR Tr 330

63

V. Walfrid Ekman

Sci-E. Sci
Director 63

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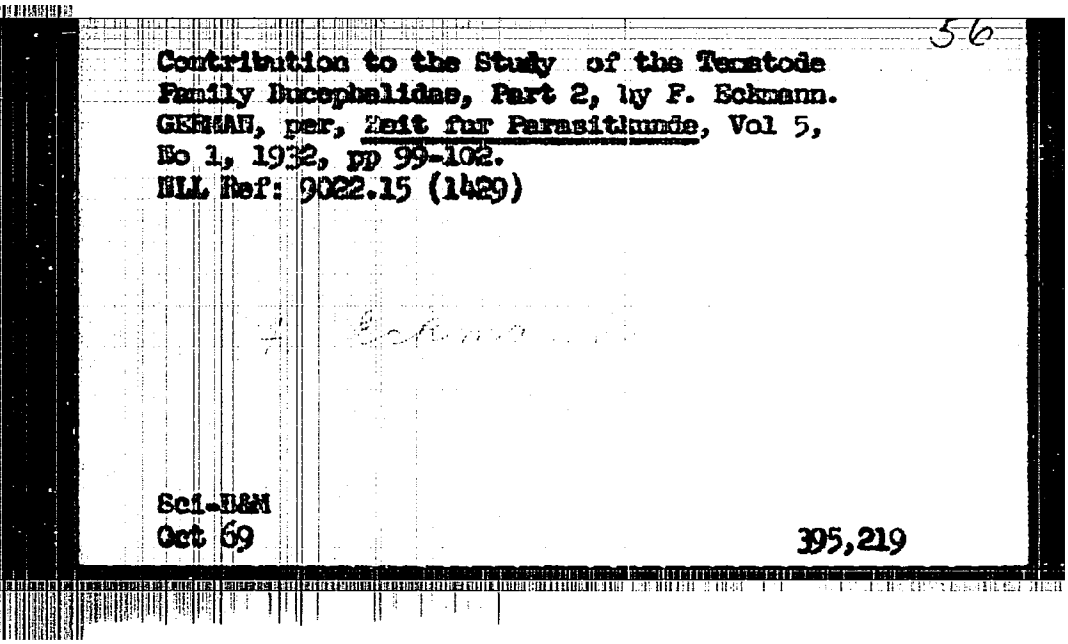

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Contribution to the Study of the Trematode Family Bucephalidae, Part 2, by F. Eckmann. GERMAN, per, Zeit fur Parasitkunde, Vol 5, No 1, 1932, pp 99-102.
HLL Ref: 9022.15 (1429)

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Relationships Between Gas Chromatographic Retentions and Infrared Spectroscopic Frequency Shifts. Polarity Scales, by W. Ecknig, H. Kriegsmann.

GERMAN, per, Deutsche Bungsengesellschaft fur Physikalische Chemie, Berichte, Vol 71, No 6, 1967, pp 587-595.

NTC 69-10844-07D

W. Ecknig

Sci-Chem

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Report on My Activities in the Soviet Union From Oct 1946 to May 1951, by Dr Hans Eckoldt, (Investigation on the Possibility of Utilizing Nitroalcohols and Their Derivatives as Components for Rocket Propellants), 27 pp.

GERMAN, report, 15 Jan 1953. CIA 568465

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The Structure of the Products of Sulphoxidation of n Dodecane, by Friedrich Asinger, Gerhard Geisseler, Hans Eckoldt, 16 pp.

GERMAN, per, Chem Ber, Vol LXXXIX, 1956, pp 1037-1043.

AEC NP 164

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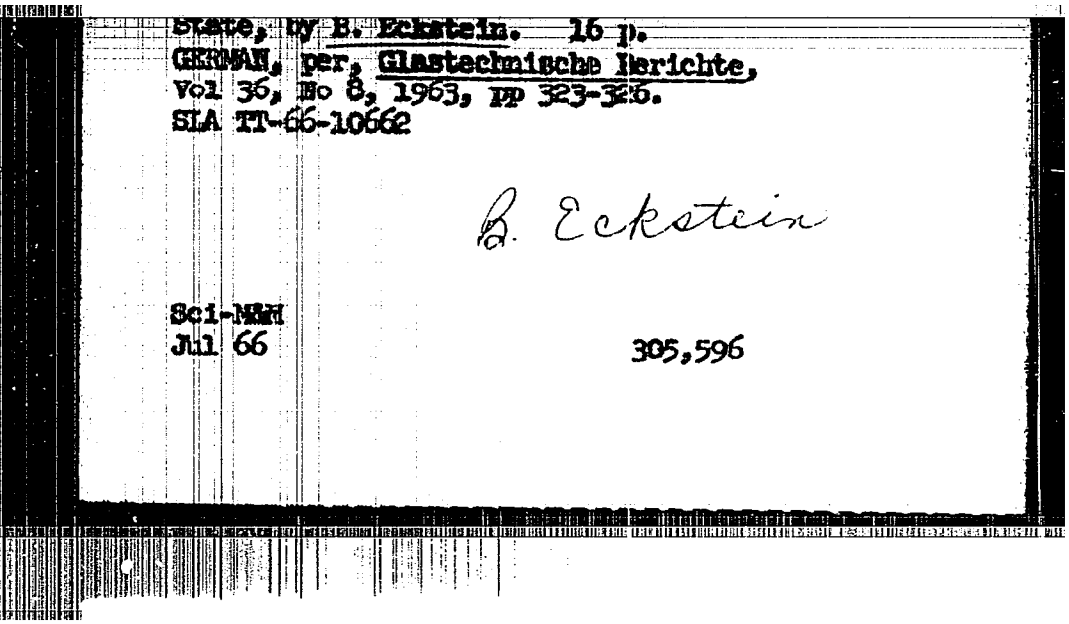

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GERMAN, per, Glastechnische Berichte,
Vol 36, No 8, 1963, pp 323-326.
SLA TT-66-10662

B. Eckstein

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SLA TT-66-10663

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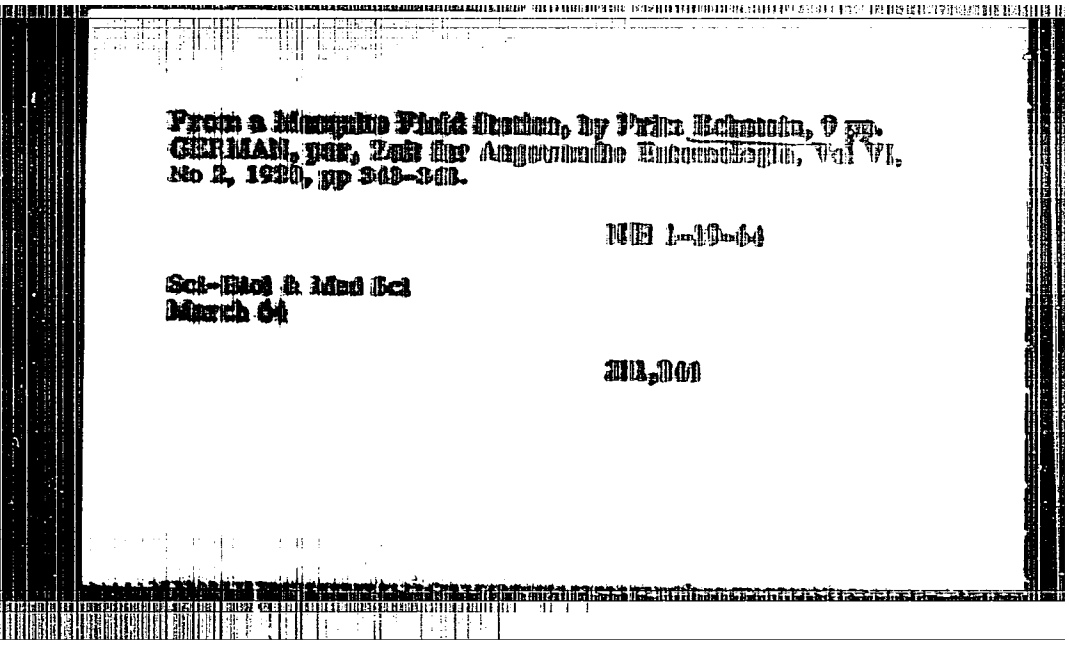

From a Mimeo Plate Method, by Prof. Schmidt, 9 pp.
GERMAN, per, Zeit fur Angewandte Entomologie, Vol VI,
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NE 1-10-64

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The Evaluation of Testing Methods for Non-Metallic Inclusions in Carbon Steel - Ck 22, by H. J. Eckstein, K. Schneider.

GERMAN, per, Neue Hutte, Vol V, Oct 1960, pp 607-617.

BISI 2057

Sci - Min/Met

Jun 61.

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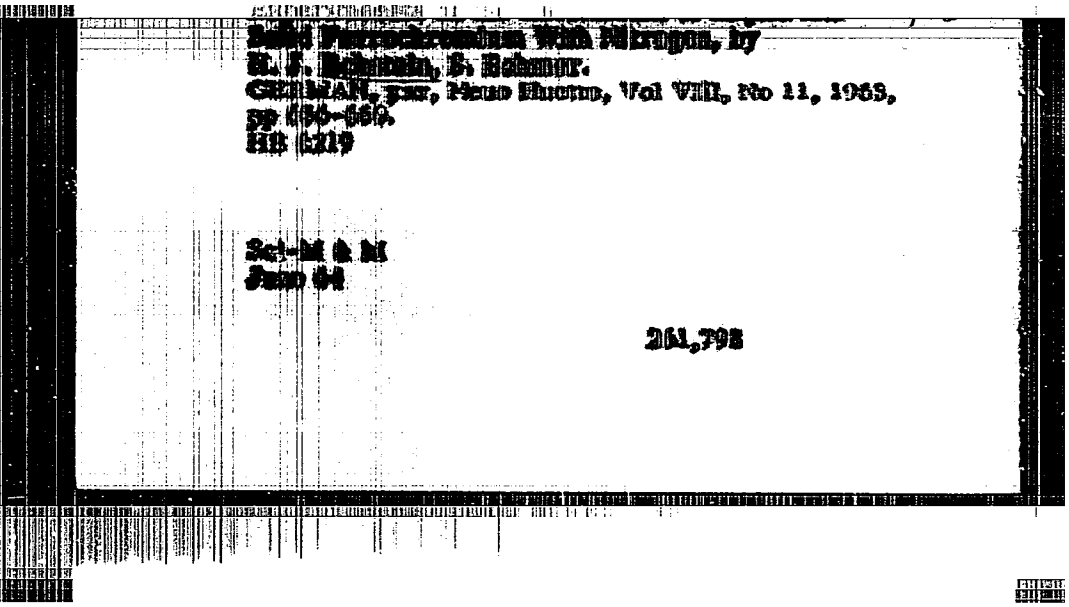

[redacted] Fluorination With Nitrogen, by
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GERMAN, pub, Fluor Chem, Vol VIII, No 11, 1969,
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HB 6219

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Jun 69

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Manufacture, Properties and Applications of Semi-Killed Steel, by K. Fellcht, H. J. Eckstein

GERMAN, per, Neue Hutte, Vol. V, Oct 1960, pp 590-596.

BISI 2274

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Contribution to the Problem of Carbide Banding in Anti-Friction Bearing Steel, by E. J. Eckstein. UNCL

GERMAN, per, Neue Huette, No 5, 1959, pp 304-311.

BISI 1712

(IA. Co.Od.)

118,444

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The Production of Steel by Mixing and Reduction-Alloying Processes, by H. J. Eckstein. USCL

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Henry Brutcher 4620

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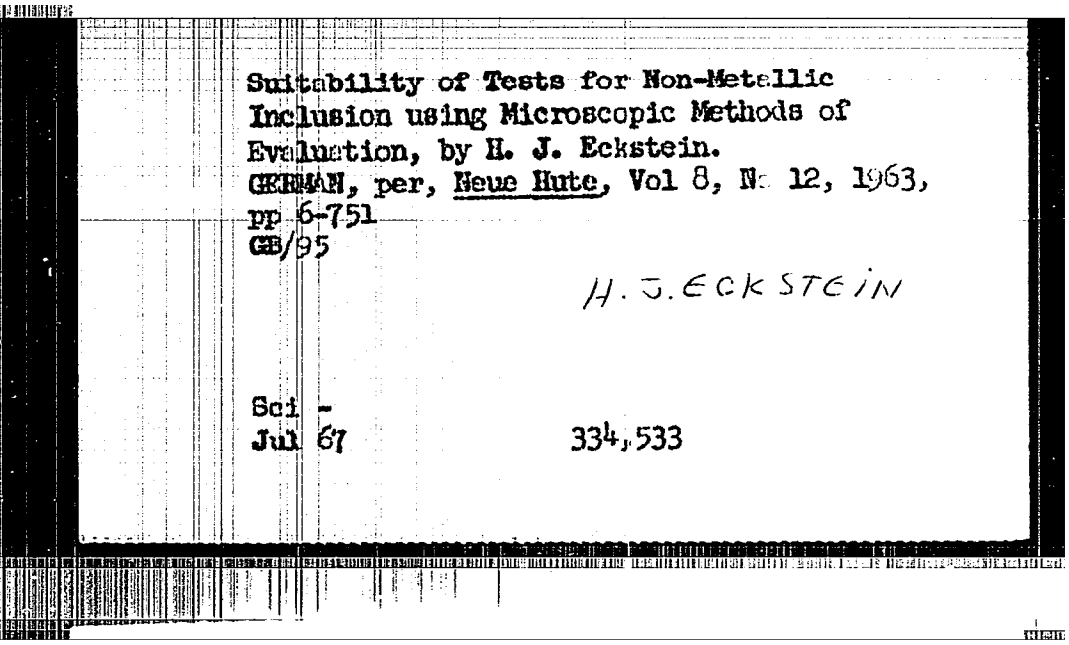

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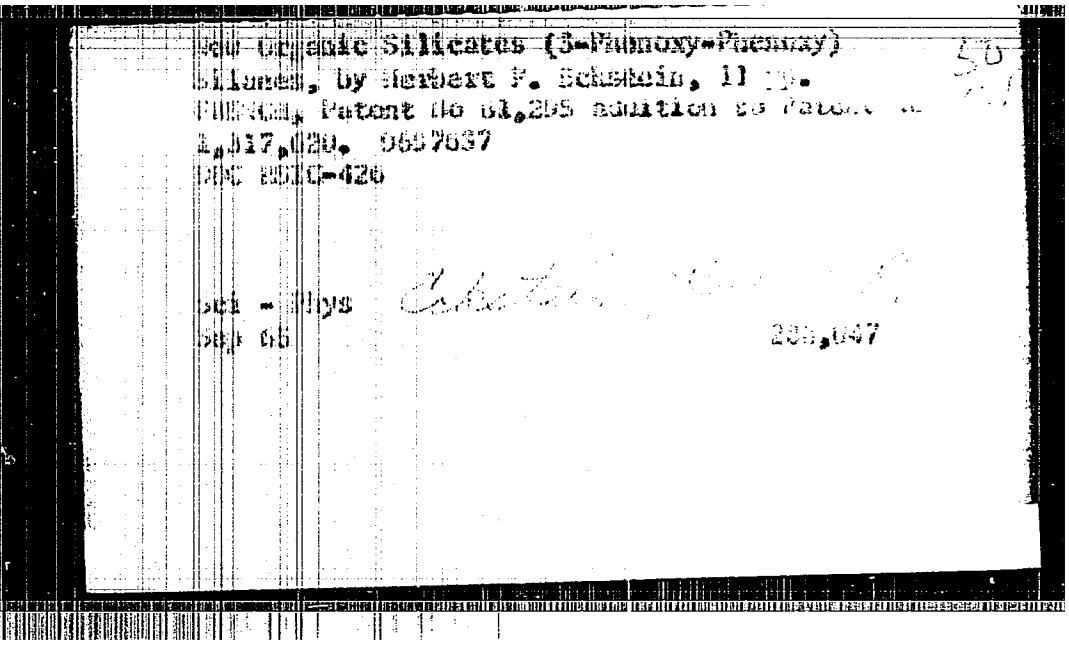

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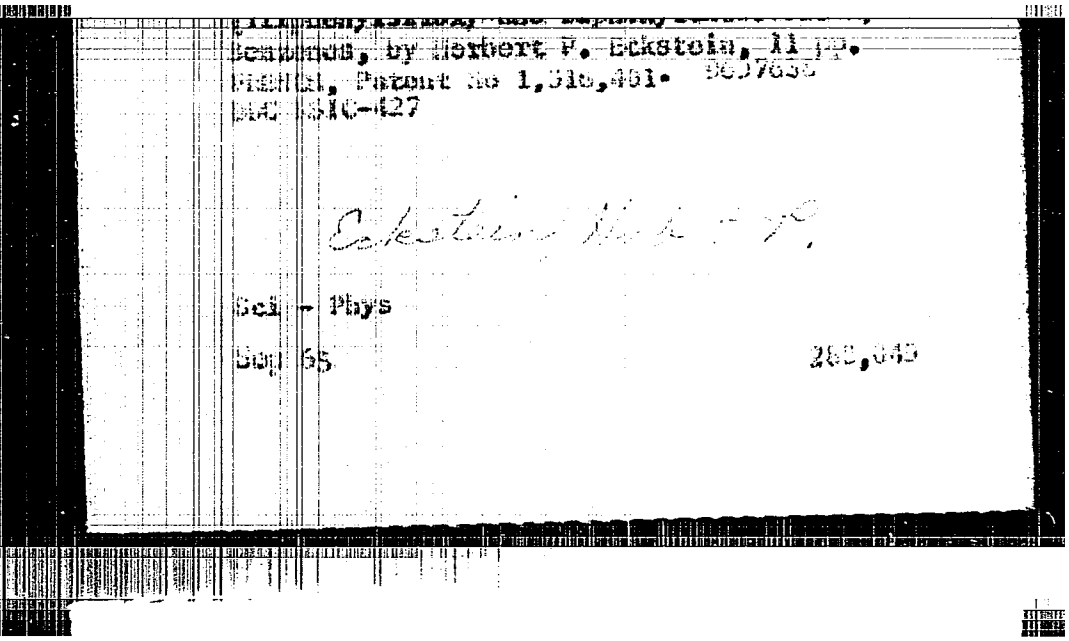

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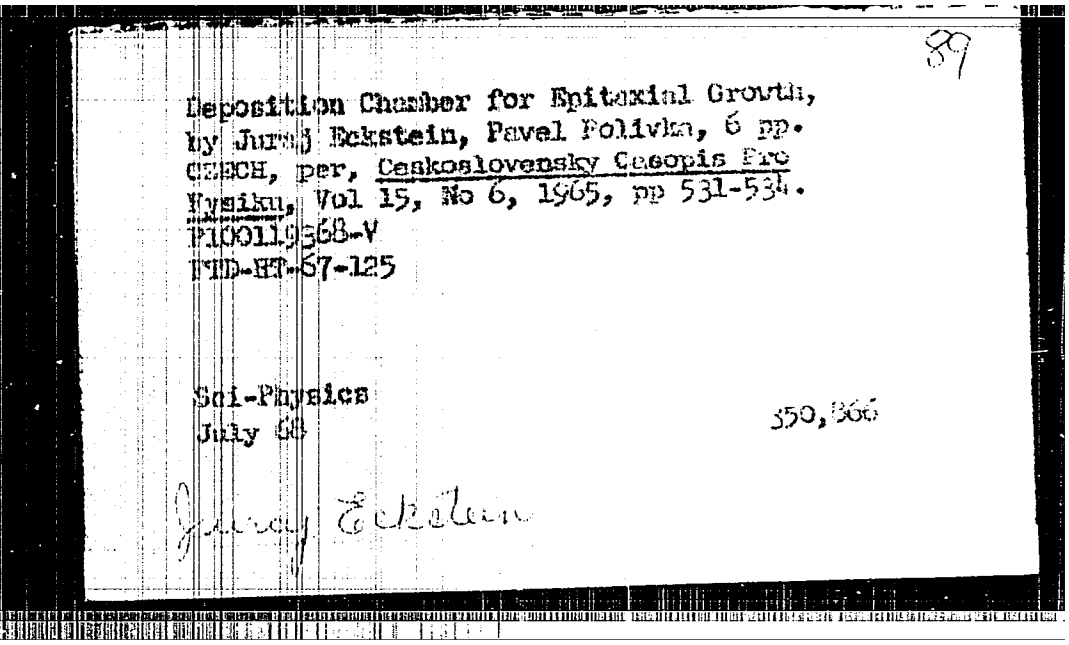

89

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by Jurnj Eckstein, Pavel Polivka, 6 pp.
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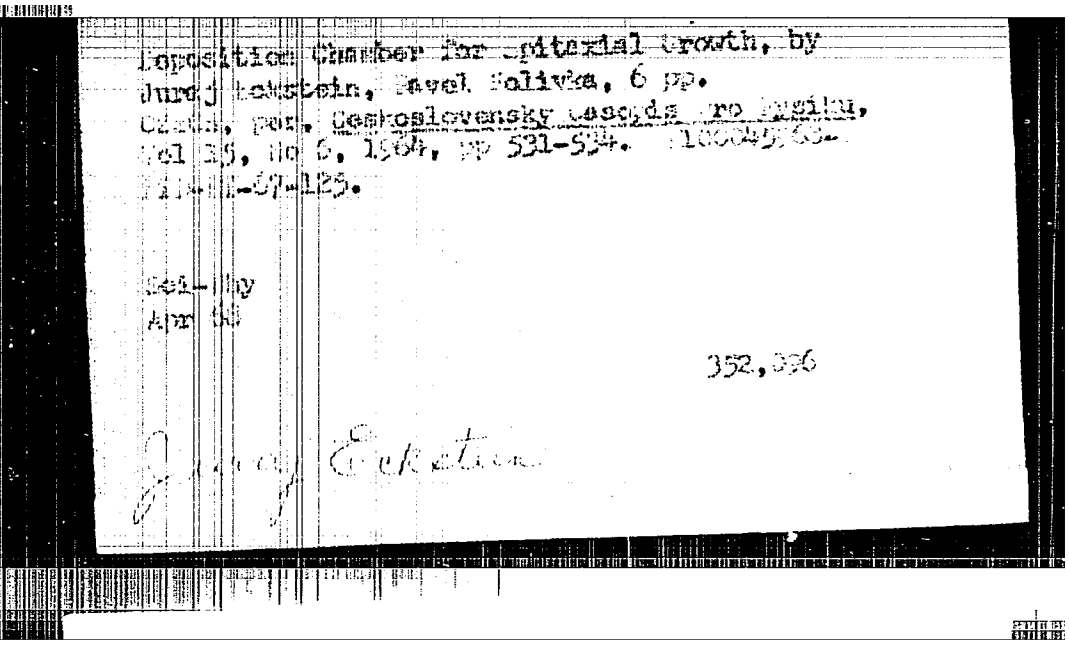

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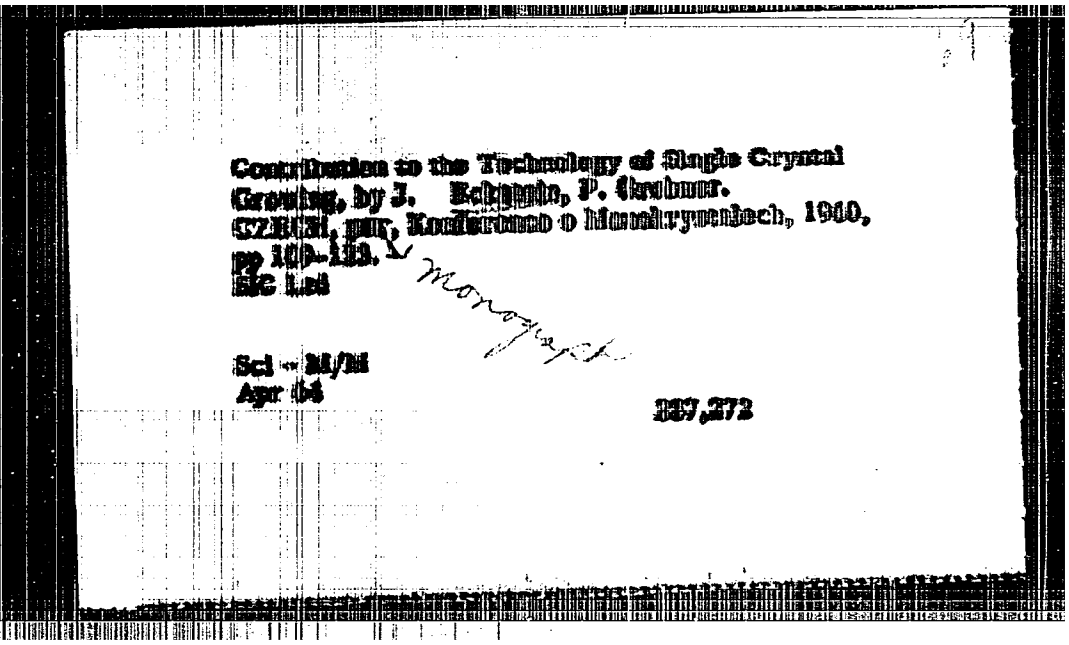

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Eckstein, J. and Grobner, P.
CONTRIBUTION TO THE TECHNOLOGY OF SINGLE CRYSTAL GROWING. [1963].
Order from SIC $25.00

Trans. of mono. Konference o Monokrystalech (Conference on Single Crystals) (no. 3) Prague, 1960. [Proceedings] p. 109-123.

DESCRIPTORS: *Furnaces, *Single crystals, *Crystal growth, Refractory materials, Temperature control.

A unit with an improved low-porosity refractory material, a high rate of heat transfer, a special corrosion-resistant lining and accurate temperature control is described. (SIC abstract)

(Physics--Solid State, TT, v. 11, no. 1)

I. Eckstein, J.
II. Grobner, P.
III. Title: Conference . . .
IV. Scientific Information Consultants Ltd. (Gt. Brit.)

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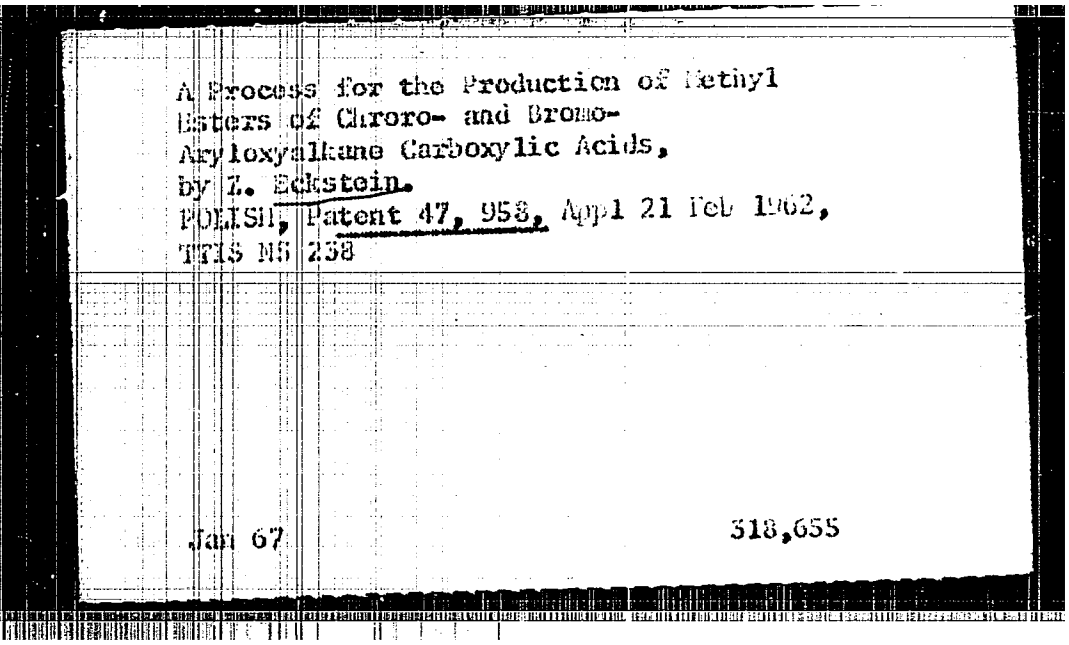

A Process for the Production of Methyl Esters of Chloro- and Bromo-Aryloxyalkane Carboxylic Acids, by Z. Eckstein.
POLISH, Patent 47, 958, Appl 21 Feb 1962,
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Eckstein, Zygmunt.
ON THE POSSIBLE USE OF NITROPARAFFINS FOR THE SYNTHESIS OF CHEMICAL PLANT-PROTECTING AGENTS (O Mozliwosciach Praktycznego Wykorzystania Nitroparafin do Syntezy Chemicznych Srodkow Ochrony Roslin). [1963] [20p] (foreign text included) 52refs
Order from SLA $1.60 63-20242

Trans. of Przemysl Chemiczny (Poland) 1958, v. [14]37, p. 630-634.

DESCRIPTORS: *Herbicides, *Fungicides, *Alcohols, *Nitro radicals, Synthesis (Chemistry), Molecular structure.

On the basis of the literature and experiments the possibility of utilizing nitroparaffins in the synthesis of plant and crop protection agents is discussed. A (Agriculture, TT, v. 10, no. 12) (over)

1. Title: Nitroparaffins
I. Eckstein, Z.

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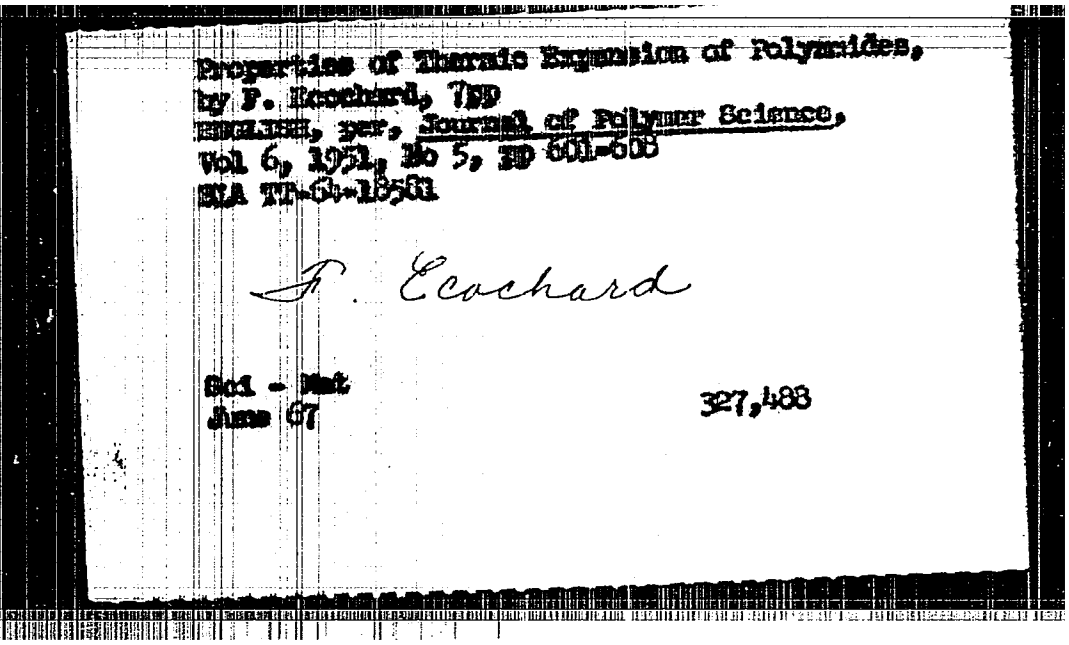

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F. Ecochard

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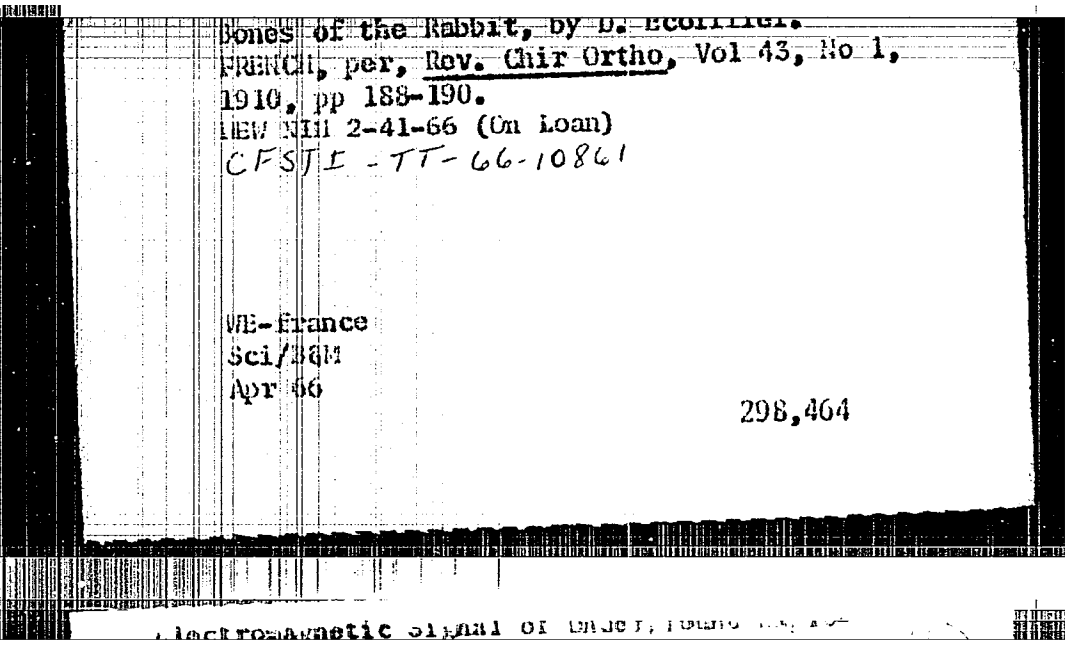

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1910, pp 188-190.
NEW YORK 2-41-66 (On Loan)
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Electromagnetic Signal of Underground Explosions, by J. Ecollan, Y. Rocard, 4 pp. 115
FRENCH, per, Compt Rend, Vol 256, 1963, pp 237-239.
AEC SC-T-65-733

Ecollan
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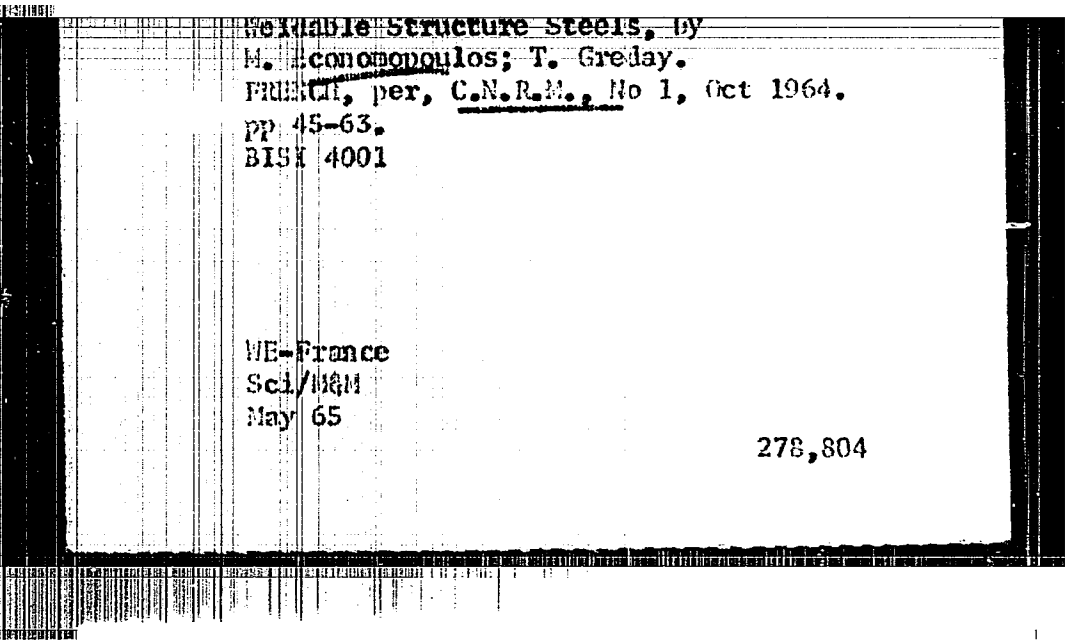

Weldable Structure Steels, by
M. Economopoulos; T. Greday.
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